

# TECHNICAL DATA SHEET

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## SOLAR S3 SRC

High shoe in water-repellent suede leather, abrasion resistant "groove" and high tenacity textile material

### PROTECTIONS FOR THIS MODEL



EN ISO 20345 : 2011

Available sizes from 36 (3) to 48 (13)  
Weight of a pair in size 42 (8) : 1174 gr.

### Upper features

- Upper : water-repellent suede leather, abrasion resistant "groove" and high tenacity textile material
- Tongue with gusset : high tenacity textile
- Collar : high tenacity textile
- Lining : three-dimensional textile
- Vamp lining : synthetic
- Backpart : synderm
- Closing : lace
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection, CE marking

### Protections

- Toecap : steel (200 joules)
- Anti-perforation insert : high tenacity composite fabric « zero » penetration (1100 Newtons)

### Fitting features

- Lasting insole : high tenacity composite fabric
- Insock : textile and foam

### Sole features

- Name : STREET
- Material : dual density polyurethane
- Comfort sole density : 0,5
- Comfort sole color : black
- Outsole density : 1
- Outsole color : dark grey
- Slip resistance SRA (flat) : 0,42 ; (heel) : 0,40
- Slip resistance SRB (flat) : 0,30 ; (talon) : 0,16



### Advantages = End users benefits

Trendy safety shoe with an urban style.

→ **Black high tenacity textile** : very abrasion resistant material.

→ **Tongue with gusset.**

→ **Vamp in abrasion resistant "groove" material** for a long life.

→ **Three-dimensional micro-porous textile as lining** : High breathability thanks to its structure that allows better ventilation of sweat. It is flexible and it improves comfort.

→ **Anti-perforation insert high tenacity composite fabric « 0 » penetration** : ultra-light, ultra-flexible (insensitive to worn), thermally insulating (insensitive to temperature transfers) and protects 100% of the surface of the foot.

→ **Steel toecap** : large and ergonomic.

→ **Polyurethane with good properties** : good antistatic properties and good resistance to hydrolysis and heat.

→ **STREET sole** :

- ✓ **PU2D : the best dual density polyurethanes for the insole and outsole** which allows a better resistance.
- ✓ **Flat sole** for greater stability.
- ✓ **Shock absorber at the heel.**
- ✓ **Tread design slip-resistant sole.**

### Basics and additional requirements of the norm EN ISO 20345 : 2011

#### Toecap

steel
 polycarbonate
 aluminium
 HDFC Fiber composite

**(A)** Antistatic footwear.

**(P)** Penetration resistance.

**(Hro)** Resistance of the outsole to hot contact.

**(Wru)** Water penetration and water absorption resistant upper.

**(E)** Energy absorption of seat region.

**(Hi)** Heat insulation of sole complex.

**(M)** Metatarsal protection.

#### Anti-perforation insert

stainless steel
 composite (high tenacity fabric)

**(Fo)** Resistance of the outsole to fuel oil.

**(Ci)** Cold insulation of sole complex.

**(Wfr)** Water resistant footwear.

Regarding the norm EN ISO 20345, the minimum results for slip resistance to get the SRC certificate are :

SRA (flat) ≥ 0,32  
SRB (heel) ≥ 0,28

SRB (flat) ≥ 0,18  
SRB (heel) ≥ 0,13

SRC = SRA + SRB